DATE: JUNE 17, 2004

DATA LOCATION: SAWMILL,ARIZONA

N34.72843 DEG W112.00575 DEG APPROXIMATELY ½ MILE FROM BPL SITE

SYSTEM MANUFACURE HF UNIT	FREQUENCY	SIGNAL STRENGTH	OPERATION MODE
	10 METER BAND		
KENWOOD	28.500 MHZ	S4	USB
YEASU	28.500 MHZ	40 DB OVER S9	USB
YEASU	28.500 MHZ	40 DB OVER S9	FM
KENWOOD	28.500 MHZ	S9	FM
YEASU	28.500 MHZ	40 OVER S9	PACKET
	12 METER BAND		
KENWOOD	24.900 MHZ	S1	USB
KENWOOD	24.900 MHZ	S1	FM
YEASU	24.900 MHZ	0	USB
YEASU	24.900 MHZ	0	FM
	15 METER BAND		
KENWOOD	21.305 MHZ	S2	USB
KENWOOD	21.305 MHZ	S5	FM
YEASU	21.305 MHZ	0	USB
YEASU	21.305 MHZ	0	FM
	17 METER BAND		
YEASU	18.130 MHZ	0	USB
YEASU	18.130 MHZ	O	FM
KENWOOD	18.130 MHZ	S1	USB
KENWOOD	18.130 MHZ	S3	FM
	20 METER BAND		
KENWOOD	14.240 MHZ	S7	USB
KENWOOD	14.240 MHZ	60 DB OVER S9	FM
YEASU	14.240 MHZ	50 DB OVER S9	USB
YEASU	14.240 MHZ	65 OVER S9	FM

40 METER BAND

KENWOOD	7.250 MHZ	40-50 DB OVER S9	LSB
KENWOOD	7.250 MHZ	40 DB OVER S9	FM
YEASU	7.250 MHZ	S7	LSB
YEASU	7.250 MHZ	20 DB OVER S9	FM

80 METER BAND

YEASU	3.980 MHZ	70 DB OVER S9	LSB
YEASU	3.980 MHZ	METER PEGGED	FM
KENWOOD	3.980 MHZ	10 DB OVER S9	LSB
KENWOOD	3.980 MHZ	METER PEGGED	FM
YEASU	3.980 MHZ	METER PEGGED	PACKET

LSB	(LOWER SIDE BAND)
USM	(UPPER SIDE BAND)
FM	(FREQENCY MODUALTION)
PACKET	(PACKET RADIO)

KENWOOD UNIT	TS-450S	MODEL
YEASU UNIT	FT-897	MODEL

nes Burtle

ım: Clinton Pierce [bootsie1@direcway.com]
ıt: Thursday, August 05, 2004 11:49 PM
: James Burtle
: ernie@cummings.net
bject: Re: Received your complaint

complaint is to you and it is your responsibility to solve the problem when you have been given all the proof of their volition and ect interference on other frequencies. It appears that no study by the FCC on this matter and to ignore direct interference which s been filed by many other, is wrong. FCC has the charter to protect all frequencies. This is not being done.

nton Pierce

--- Original Message ---
From: James Burtle
To: bootsie1@direcway.com
Sent: Thursday, August 05, 2004 5:25 AM
Subject: Received your complaint

Mr. Pierce,

We have received your complaint of interference to amateur radio from a Broadband Over Powerline (BPL) experiment. If you have not done so, please send your interference complaint to the BPL system operator in order to afford him/her an opportunity to remedy the problem. We have noted your complaint, but will not be taking action until we are sure that the system operator has been notified and given ample opportunity to fix the problem.

If the interference still exists after you have given the system operator has had ample opportunity to fix the problem please forward your complaint to the FCC. Please include details such as correspondence that you have sent to and received from the operator.

Thank you,

Jim Burtle
Chief, Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission

June 17, 2004

James R. Burtle
Chief, Experimental Licensing Branch
Room 7-A267
445 12th Street SW
Washington, DC 20024

Dear Sir,

I am a General class amateur radio operator and today visited Cottonwood, Arizona, which is a test site for BPL by Electric Broadband LLC and APS. I measured strong interference at several places in Cottonwood and on most amateur HF bands (see attached).

The interference is continuous, extremely strong, and across the entire affected bands making them completely useless. I am writing to you as the deadline for comments is June 22, 2004, and the BPL company has only recently begun operation in Cottonwood. By the terms of their temporary license, they are required to cease operation, or mitigate the interference immediately and I believe it falls to the FCC to enforce the terms of this license.

Respectfully submitted,

Robert B. Thompson, KC8BOB
5290 Williamson Valley Road
Prescott, Arizona 86305
(928)-771-9517
kc8bob@cableone.net

Radio: Yaesu FT-897 Antenna: Webster Bandspanner
Operators: Greg Allen N6WCD, Steven Pearson KC7TIL, Robert Thompson KC8BOB

Cottonwood Airport Baseline Location: 34.735N 112.039W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0830
10	28.500	S0	USB		
10	28.500	S0	FM		
12	24.900	S0	USB		
12	24.900	S0	FM		
15	21.305	S0	USB		
15	21.305	S0	FM		
17	18.130	S0	USB		
17	18.130	S0	FM		
20	14.240	S4	USB		
20	14.240	S1-S2	FM		
40	7.260	S2	LSB		
40	7.260	S2	FM		
80	3.980	S2	LSB		
80	3.980	S3	FM		

American Heritage Academy Location: 34.73272N 112.00520W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0915
80	3.980	S9+55dB	LSB		
80	3.980	S9+65dB	FM		
40	7.260	S9+58dB	LSB		
40	7.260	S9+82dB	FM		
40	7.260	S9+82dB	Packet		
20	14.240	S9+85dB	USB		
20	14.240	Full Scale	FM		
17	18.130	S0	USB		
17	18.130	S0	FM		
17	18.130	S0	Packet		
15	21.305	S9+65dB	USB		
15	21.305	S9+95dB	FM		
15	21.305	S9+95dB	Packet		
12	24.900	S0	USB		
12	24.900	S0	FM		
12	24.900	S0	Packet		
10	28.500	S9+75dB	USB		
10	28.500	Full Scale	FM		

Sawmill Cove Apartments Location: 34.72843N 112.00575W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	1015
10	28.500	S9+40dB	USB		
10	28.500	S9+40dB	FM		
10	28.500	S9+40dB	Packet		
12	24.900	S0	USB		
12	24.900	S0	FM		
15	21.305	S0	USB		
15	21.305	S0	FM		
17	18.130	S0	USB		
17	18.130	S0	FM		
20	14.240	S9+50dB	USB		
20	14.240	S9+65dB	FM		
40	7.250	S9+45dB	LSB		
40	7.250	S9+40dB	FM		
80	3.980	S9+70dB	LSB		
80	3.980	Full Scale	FM		
80	3.980	Full Scale	Packet		

Radio: Kenwood TS-450S **Antenna:** Webster Bandspanner
Operators: Steven Pearson KC7TIL, Robert Thompson KC8BOB, Greg Allen N6WCD

Cottonwood Airport Baseline **Location:** 34.738N 112.039W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0830
10	28.500	S4	USB		
10	28.500	S5	FM		
12	24.900	S2	USB		
12	24.900	S3	FM		
15	21.305	S1	USB		
15	21.305	S0	FM		
17	18.130	S1	USB		
17	18.130	S2	FM		
20	14.240	S6	USB		
20	14.240	S9	FM		
40	7.260	S1	LSB		
40	7.260	S2	FM		
80	3.980	S7	LSB		
80	3.980	S9	FM		

American Heritage Academy **Location:** 34.73272N 112.00520W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0915
80	3.980	S9+10db	LSB		
80	3.980	S9+60dB	FM		
40	7.260	S9+10dB	LSB		
40	7.260	S9+60dB	FM		
20	14.240	S9+20dB	USB		
20	14.240	S9+60dB	FM		
17	18.130	S5	USB		
17	18.130	S3	FM		
15	21.305	S9	USB		
15	21.305	S9+60dB	FM		
12	24.900	S3	USB		
12	24.900	S3	FM		
10	28.500	S9+20dB	USB		
10	28.500	S9+60dB	FM		

Sawmill Cove Apartments Location: 34.72843N 112.00575W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	1015
10	28.500	S4	USB		
10	28.500	S9	FM		
12	24.900	S1	USB		
12	24.900	S1	FM		
15	21.305	S2	USB		
15	21.305	S5	FM		
17	18.130	S1	USB		
17	18.130	S3	FM		
20	14.240	S7	USB		
20	14.240	S9+60dB	FM		
40	7.250	S7	LSB		
40	7.250	S9+20dB	FM		
80	3.980	S9+10dB	LSB		
80	3.980	Full Scale	FM		

Bob Thompson
5290 Williamson Valley
Prescott, AZ 86305

James R. Burtle
Chief, Experimental Licensing Branch
Room 7-A267
445 12th Street SW
Washington, DC 20024

June 17, 2004
Steven G. Pearson
KC7TIL
2085 Howard Place
Prescott, Arizona
86301
1-928-778-0502
kc7til@cableone.net

Dear Sirs,

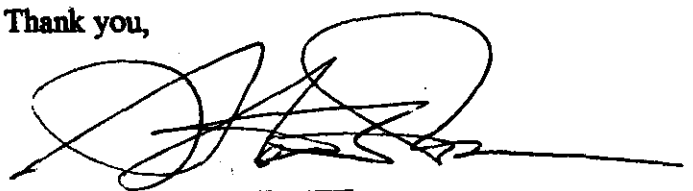
I would like to file a formal complaint of interference on the amateur HF bands I noticed in the Cottonwood Arizona area. I understand there is a temporary experimental license for Broad Band over Power Lines in the area. I recorded a detailed log of signal strength readings in three areas of Cottonwood. The first was a baseline measurement out near the airport to see what the propagation and noise levels were on that day and time in comparison to the reading I got in proximity to the BPL sites. I was stunned at the amount of interference I recorded when anywhere near the sites using BPL. The attached log sheets should be self explanatory.

It should be obvious that interference such as what is documented here will make amateur radio HF operation impossible anywhere near a BPL installation. This, during a time of possible reliance on the amateur radio service for emergency communication that may arise due to natural or terrorist events.

Amateur radio operators have always been ready and willing to donate their time and use of their equipment during times of need. To relegate this vast resource to obscurity at a time when the country may need to call on them in a crisis situation is mind boggling.

Please consider this a formal complaint.

Thank you,



Steven G. Pearson KC7TIL

Radio: Kenwood TS-450S Antenna: Webster Bandspanner
Operator: Steve Pearson KC7TIL

Cottonwood Airport Baseline Location: 34.735N 112.039W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0830
10	28.500	S4	USB		
10	28.500	S5	FM		
12	24.900	S2	USB		
12	24.900	S3	FM		
15	21.305	S1	USB		
15	21.305	S0	FM		
17	18.130	S1	USB		
17	18.130	S2	FM		
20	14.240	S6	USB		
20	14.240	S9	FM		
40	7.260	S1	LSB		
40	7.260	S2	FM		
80	3.980	S7	LSB		
80	3.980	S9	FM		

American Heritage Academy Location: 34.73272N 112.00520W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0915
80	3.980	S9+10db	LSB		
80	3.980	S9+60dB	FM		
40	7.260	S9+10dB	LSB		
40	7.260	S9+60dB	FM		
20	14.240	S9+20dB	USB		
20	14.240	S9+60dB	FM		
17	18.130	S5	USB		
17	18.130	S3	FM		
15	21.305	S9	USB		
15	21.305	S9+60dB	FM		
12	24.900	S3	USB		
12	24.900	S3	FM		
10	28.500	S9+20dB	USB		
10	28.500	S9+60dB	FM		

Sawmill Cove Apartments Location: 34.72843N 112.00575W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	1015
10	28.500	S4	USB		
10	28.500	S9	FM		
12	24.900	S1	USB		
12	24.900	S1	FM		
15	21.305	S2	USB		
15	21.305	S5	FM		
17	18.130	S1	USB		
17	18.130	S3	FM		
20	14.240	S7	USB		
20	14.240	S9+60dB	FM		
40	7.250	S7	LSB		
40	7.250	S9+20dB	FM		
80	3.980	S9+10dB	LSB		
80	3.980	Full Scale	FM		

STEVEN & MICHELE PEARSON
2085 HOWARD PLACE
PRESCOTT, AZ 86301

PHOENIX AZ 850
PM
18 JUN
2004

Federal Communications Commission
Attn: James R. Burtle
Chief, Experimental Licensing Branch
Room 7-A267
445 12th St SW
Washington, DC 20024

RECEIVED & INSPECTED
JUN 29 2004
FCC MAILROOM

ımes Burtle

rom: Steven Pearson [kc7til@cableone.net]
ent: Friday, June 18, 2004 12:15 AM
o: Anh Wride
c: James Burtle; Riley Hollingsworth; Alan Stillwell
ubject: bpl complaint

would like to file a complaint of interference I noticed in the Cottonwood Arizona area while I ıas operating my HF mobile station. I noticed a tremendous amount of interference in two reas of Cottonwood. One, near the American Heritage Academy on Cherry St. and the ther near the Sawmill Cove Apartments. I made some measurements using a Kenwood TS 50S amateur radio on all the amateur bands from 3.5 MHz to 29 MHz and was amazed at ıe strength of the interference. I understand that there is a temporary license issued for xperimentation of Broad Band over Power lines in the area. As a licensed operator on the ıands listed above, I find it unacceptable that a situation such as this can be allowed to ontinue. I also made some base line measurements in the Cottonwood area away from the ıbove mentioned sites and have a very detailed log of signal strength readings in a preadsheet format if you would like me to send them to you. I will be following up this ıreliminary E Mail with a hard copy sent to you and the cc addresses when I get time in the ıext few days.
Thanks for your time, Steven G. Pearson 2085 Howard Pl. Prescott Arizona 86301 1-928-778-0502 KC7TIL kc7til@cableone.net

ıes Burtle

m: Ernie & Betsy Cummings [k6xf@commspeed.net]
ıt: Friday, June 18, 2004 1:13 PM
James Burtle
Anh Wride; Alan Stillwell; Riley Hollingsworth; James Burtle
ɔject: Re: Interference from Broadband Over Power Line Transmission
ɔ://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-04-1552A1.doc

the Chief, Office of Engineering and Technology:
ı February 23, 2004, the Commission released a Notice of Proposed Rulemaking (NPRM) in ET ɔcket Nos. 03-104 & 04-37, seeking comment on proposed rule changes to Part 15 of the Commission's es to promote the deployment of Broadband over Power Line (BPL) systems. The NPRM was blished in the Federal Register on March 17, 2004, establishing a comment date of May 3, 2004, and ɔly comment date of June 1, 2004. On April 30, the Commission released an Order denying extension time for comment and reply comment periods in the above captioned proceeding. On May 21, 2004, ɛ National Antenna Consortium (NAC) and The Amherst Alliance (NAC/Amherst) submitted a joint quest for extension of time to file reply comments. **For the reasons set forth below, we now extend e reply comments date to June 22, 2004**. Comments should be filed pursuant to the instructions ovided in the NPRM.

—— Original Message ——
From: Ernie & Betsy Cummings
To: James Burtle
Cc: Awride@fcc.gov ; Astillwe@fcc.gov ; Rholling@fcc.gov ; jburtle@fcc.gov
Sent: Friday, June 18, 2004 9:57 AM
Subject: Fw: Interference from Broadband Over Power Line Transmission

Mr. Burtle....

Please reference FCC
ET Docket 04-37
http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=pdf&id_document=6515783486

Which is open for comments to the FCC until June 22, 2004

Thank you.....

F. Ernie Cummings

—— Original Message ——
From: Ernie & Betsy Cummings
To: James Burtle
Sent: Thursday, June 17, 2004 3:26 PM
Subject: Re: Interference from Broadband Over Power Line Transmission

Mr. Burtle....

ıank you for your reply.

ıeed your help in understanding the FCC procedures in this matter.
s I understand your E-Mail I should not send the FCC an interference complaint.
ll complaints should go to the companies or individuals that are generating the interference.

ı addition, I understand that I should research the local businesses and homes to find the source of ıterference, and contact them. And you only need a copy of the letter to whomever I find in ottonwood, Arizona that is generating interference throughout the HF spectrum.

f I do find the source of interference, how do I have them cease transmitting ?

hank you for your help in this matter.

loyd E. Cummings (Ernie)
etired: NASA, USAF, US Department of State
++++++++++++++++++++++++++++++++++

---- Original Message ----
From: James Burtle
To: Ernie & Betsy Cummings
Sent: Thursday, June 17, 2004 10:12 AM
Subject: RE: Interference from Broadband Over Power Line Transmission

Mr. and Mrs Cummings,

Thank you for your interference complaint. We have noted it. Please send your complaints to the system operators before sending them to the FCC in order to give them an opportunity to fix the problem. The appropriate individuals to send the complaints to can usually be found by contacting the power company. You may copy us when you send the complaint to them.

Thank you,

Jim Burtle

-----Original Message-----
From: Ernie & Betsy Cummings [mailto:k6xf@commspeed.net]
Sent: Wednesday, June 16, 2004 11:11 PM
To: Anh Wride; Alan Stillwell; Riley Hollingsworth; James Burtle
Subject: Interference from Broadband Over Power Line Transmission

To: Federal Communications Commission

From: Floyd E. Cummings - K6XF (Ernie)

Subject: Report of Harmful Interference
From a Broadband Over Power Line Transmission
COTTONWOOD, ARIZONA 86326

Please open the attached file in MS Word

Please reply to this E-Mail at:
k6xf@commspeed.net
or
ernie@cummings.net

Thank You....

James Burtle

From: ernie@cummings.net
Sent: Monday, June 28, 2004 1:26 PM
To: James Burtle
Subject: Cottonwood, Arizona

June 28, 2004

Electric Broadband LLC15
15 North Mill Street,
Nyack, NY 10960

COTTONWOOD, Arizona has Broadband Over Powerline interference

We are currently experiencing broad radio frequency interference coming from two experimental BPL sites within the city limits of Cottonwood, Arizona. The interference is so strong and so broad across the HF radio spectrum that the reception on our radios is being made difficult to nearly impossible in the frequency range of 3.0 Khz to 29 Mhz.

Floyd (Ernie) Cummings
133 Lampliter Village
Clarkdale, AZ 86324
928-649-3562
ernie @cummings.net

The FCC has granted Special Temporary Authorization to Electric Broadband 15 North Mill Street, Nyack, NY 10960 to operate a BPL system occupying the frequency range 2.46 to 38 MHz. Call Sign WB9XVP,
Class of station FX, Experimental.
Effective date: January 12, 2004 to July 01, 2004.
(FCC file #0506-EX-ST-2003FX)
The STA grant states, "Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down."

Lance Rosen: lrosen@electricbroadband.com
David Shpigler: shpigler@electricbroadband.com
Info: info@electricbroadband.com

APS
PO Box 53933 Sta. 3200
Phoenix, AZ
85072-3933

Awride@fcc.gov
Astillwe@fcc.gov
Rholling@fcc.gov
jburtle@fcc.gov

RECV'D & INSPECTED

JUN 21 2004

FCC-CGB MAILROOM

Report of Harmful Interference From a Broadband Over Power Line Trial or Deployment

Name of complainant: GREGORY A. ALLEN

Call sign (if applicable): N6WCD

Station location: 4605 SUNSHINE TRAIL HC-30 BOX 933-I AND MOBILE

Mailing address (if different): _____

City, State, Zip: PRESCOTT, AZ. 86305

Telephone: (928) 771-1086 Email: GREGS@COMMSPEED.NET

Description of Interference: VERY LOUD NOISE IN COTTONWOOD AZ AREA (MOBILE) REFFERENCE ATTACHED CHART

Description of Description of your station

YAESU FT-897 HALMODE TRANSCEIVER

Receiver(s) affected: FT-897

Antenna type: WEBSTER BAND STACKER

Antenna location: (MOBILE) IN COTTON WOOD AZ.

Distance of antenna from own house (feet):

35 MI (MOBILE)

Distance of antenna from neighboring houses (feet):

50 FT. FROM MOBILE

Distance of antenna from power distribution line or equipment (feet): 30 FT.

Log of interference:

Date	Time	Frequency	Receive Mode	Interfering signal strength	Description
6-17-04	9:30 AM	REF. ATT. CHART.	LSB USB	20 TO 100 To	VERY LOUD NOISE 60 TO 80 OVER UNABLE TO RECIEVE

REF. F.C. DOCKET 04-37 (BPL)

NOTE: I ALSO BUILD & FLY RADIO CONTROLL MODEL AIRCRAFT ON FREQ 72 MHZ (FM MODE) USING ONLY ONE (1) WATT. LOOSING CONTROLL OF A 50 LB AIRCRAFT COULD BE

Radio: Yaesu FT-897 Antenna: Webster Bandspanner
Operators: Greg Allen N6WCD, Steven Pearson KC7TIL, Robert Thompson KC8BOB

Cottonwood Airport Baseline Location: 34.735N 112.039W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0830
10	28.500	S0	USB		
10	28.500	S0	FM		
12	24.900	S0	USB		
12	24.900	S0	FM		
15	21.305	S0	USB		
15	21.305	S0	FM		
17	18.130	S0	USB		
17	18.130	S0	FM		
20	14.240	S4	USB		
20	14.240	S1-S2	FM		
40	7.260	S2	LSB		
40	7.260	S2	FM		
80	3.980	S2	LSB		
80	3.980	S3	FM		

CONTROLL

American Heritage Academy Location: 34.73272N 112.00520W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0915
80	3.980	S9+55dB	LSB		
80	3.980	S9+65dB	FM		
40	7.260	S9+58dB	LSB		
40	7.260	S9+82dB	FM		
40	7.260	S9+82dB	Packet		
20	14.240	S9+85dB	USB		
20	14.240	Full Scale	FM		
17	18.130	S0	USB		
17	18.130	S0	FM		
17	18.130	S0	Packet		
15	21.305	S9+65dB	USB		
15	21.305	S9+95dB	FM		
15	21.305	S9+95dB	Packet		
12	24.900	S0	USB		
12	24.900	S0	FM		
12	24.900	S0	Packet		
10	28.500	S9+75dB	USB		
10	28.500	Full Scale	FM		

Sawmill Cove Apartments			Location:	34.72843N	112.00575W	Mobile
Band (m)	**Frequency MHz**	**Signal Level**	**Mode**	**Time:**	**1015**	
10	28.500	S9+40dB	USB			
10	28.500	S9+40dB	FM			
10	28.500	S9+40dB	Packet			
12	24.900	S0	USB			
12	24.900	S0	FM			
15	21.305	S0	USB			
15	21.305	S0	FM			
17	18.130	S0	USB			
17	18.130	S0	FM			
20	14.240	S9+50dB	USB			
20	14.240	S9+65dB	FM			
40	7.250	S9+45dB	LSB			
40	7.250	S9+40dB	FM			
80	3.980	S9+70dB	LSB			
80	3.980	Full Scale	FM			
80	3.980	Full Scale	Packet			

Radio: Kenwood TS-450S **Antenna:** Webster Bandspanner
Operators: Steven Pearson KC7TIL, Robert Thompson KC8BOB, Greg Allen N6WCD

Cottonwood Airport Baseline **Location:** 34.735N 112.039W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0830
10	28.500	S4	USB		
10	28.500	S5	FM		
12	24.900	S2	USB		
12	24.900	S3	FM		
15	21.305	S1	USB		
15	21.305	S0	FM		
17	18.130	S1	USB		
17	18.130	S2	FM		
20	14.240	S6	USB		
20	14.240	S9	FM		
40	7.260	S1	LSB		
40	7.260	S2	FM		
80	3.980	S7	LSB		
80	3.980	S9	FM		

American Heritage Academy **Location:** 34.73272N 112.00520W Mobile

Band (m)	Frequency MHz	Signal Level	Mode	Time:	0915
80	3.980	S9+10db	LSB		
80	3.980	S9+60dB	FM		
40	7.260	S9+10dB	LSB		
40	7.260	S9+60dB	FM		
20	14.240	S9+20dB	USB		
20	14.240	S9+60dB	FM		
17	18.130	S5	USB		
17	18.130	S3	FM		
15	21.305	S9	USB		
15	21.305	S9+60dB	FM		
12	24.900	S3	USB		
12	24.900	S3	FM		
10	28.500	S9+20dB	USB		

Sawmill Cove Apartments **Location:** **34.72843N** **112.00575W** **Mobile**

Band (m)	Frequency MHz	Signal Level	Mode	Time:	1015
10	28.500	S4	USB		
10	28.500	S9	FM		
12	24.900	S1	USB		
12	24.900	S1	FM		
15	21.305	S2	USB		
15	21.305	S5	FM		
17	18.130	S1	USB		
17	18.130	S3	FM		
20	14.240	S7	USB		
20	14.240	S9+60dB	FM		
40	7.250	S7	LSB		
40	7.250	S9+20dB	FM		
80	3.980	S9+10dB	LSB		
80	3.980	Full Scale	FM		

Best Regards,

Bob

GREG KILLIAN
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Report of Harmful Interference From a Broadband Over Power Line Trial or Deployment

Name of complainant: David Kiggins CRT

Call sign (if applicable): KB7KMR

Station location: 34° 43M 54N 111° 59M 31 SW

Mailing address (if different): C/o 443 Rocking Chair RD Yavapai County

City, State, Zip: Cottonwood Yavapai County Arizona

Telephone: 928-634-8082 Email: kb7kmr@commspeed.net

Description of Interference: From 1.710 Mhz to 30. Mhz

Data Modem clicking noise every 100 khz

I can no longer listen to my short wave broadcast's

Description of station: Ham Radio 160 M to 10 Meters MayPole

Receiver(s) affected: ICOM IC-751A

Antenna type: MAYPOLE 10 to 160 Meters

Antenna location: Next to home 8ft ground

Distance of antenna from own house (feet): metal building ant 25 ft from station

Distance of antenna from neighboring houses (feet):

300+ no noise from neighbors or power lines at station

Distance of antenna from power distribution line or equipment

(feet): first unit .56 miles second unit .71 miles